



determining an estimated aggregated data consumption rate for each said plex based at least in part on said monitored number of plex for each logical volume and said monitored aggregated data consumption rates;

determining an estimated total number of viewers for each of said at least two storage devices or at least two partitioned groups of storage devices based at least in part on said estimated total number of viewers for each said plex and said monitored number of outstanding I/O requests for each said plex; and

determining an estimated aggregated data consumption rate for each of said at least two storage devices or at least two partitioned groups of storage devices based at least in part on said estimated aggregated data consumption rate for each said plex and said monitored number of outstanding I/O requests for each said plex.

229. The method of claim 228, further comprising:

determining a maximal number of outstanding I/O requests for each said plex, and determining an estimated workload distribution across said at least two storage devices or at least two partitioned groups of storage devices based at least in part on said monitored maximal number of outstanding I/O requests for each said plex; and

wherein said estimated total number of viewers for each of said at least two storage devices or at least two partitioned groups of storage devices is determined based at least in part on said estimated total number of viewers for each said plex and said estimated workload distribution for each of said respective at least two storage devices or at least two partitioned groups of storage devices; and

wherein said estimated aggregated data consumption rate for each of said at least two storage devices or at least two partitioned groups of storage devices is determined based at least in part on said estimated aggregated data consumption rate for each said

plex and estimated workload distribution for each of said respective at least two storage devices or at least two partitioned groups of storage devices.

230. The method of claim 228, wherein each of said storage devices comprise storage disk drives.

231. The method of claim 226, further comprising determining a maximal total number of viewers per storage device and a maximal aggregated consumption rate storage device or per partitioned group of storage devices.

232. The method of claim 231, wherein said I/O resources comprise I/O capacity; and wherein said method further comprises modeling said I/O capacity based at least in part on said determined maximal total number of viewers per storage device or per partitioned group of storage devices, and said determined maximal aggregated consumption rate per storage device.

233. The method of claim 232, wherein said one or more I/O resources further comprise buffer memory space of said information management system; and wherein said method further comprises managing said I/O resources by balancing said I/O capacity with said buffer memory space to ensure uninterrupted delivery of said continuous media data to said plurality of viewers from said at least two storage devices or said at least two partitioned groups of storage devices; wherein said balancing is based at least in part on said determined maximal total number of viewers per storage device or per partitioned group of storage devices, and said determined maximal aggregated consumption rate per storage device or per partitioned group of storage devices.